



Lebow Creek Flood Mitigation

Diamond Hill/Jarvis Neighborhood Meeting

June 9, 2022

Justin Naylor, Senior Professional Engineer, Transportation & Public Works Dpt., Capital Delivery Division

Website: <https://www.fortworthtexas.gov/projects/cfw-upper-lebow-channel>

Meeting Purpose & Agenda

- **Purpose**

- Get feedback from residents most affected by flooding regarding a potential future improvement to the Lebow Channel.

- **Agenda**

- Lebow background information
- What has been done and what remains
- What makes a feasible project
- What is an easement
- Next steps.



Upper Lebow
Website

Stormwater Mission

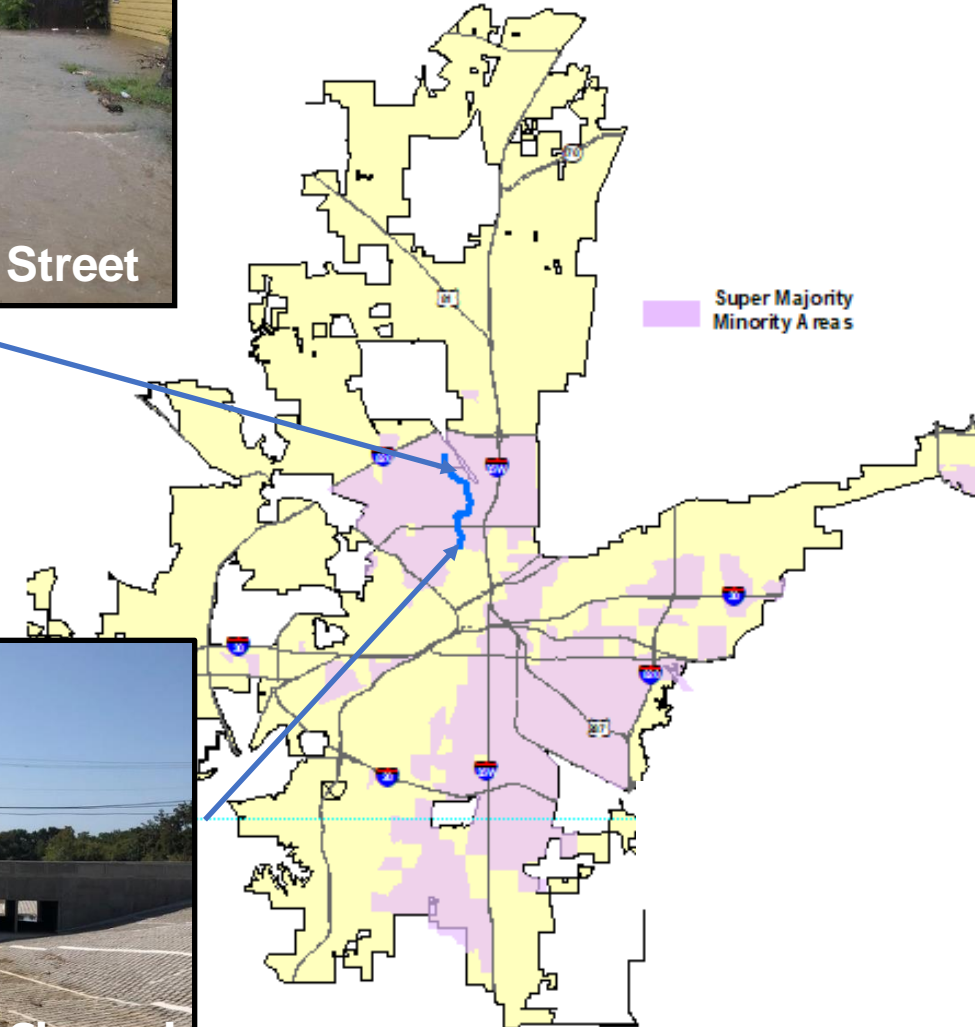
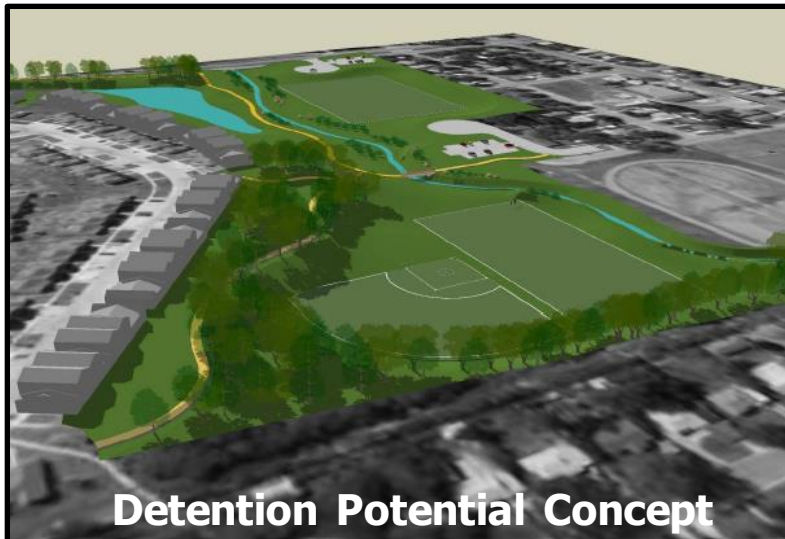
Protect people and property from harmful stormwater runoff

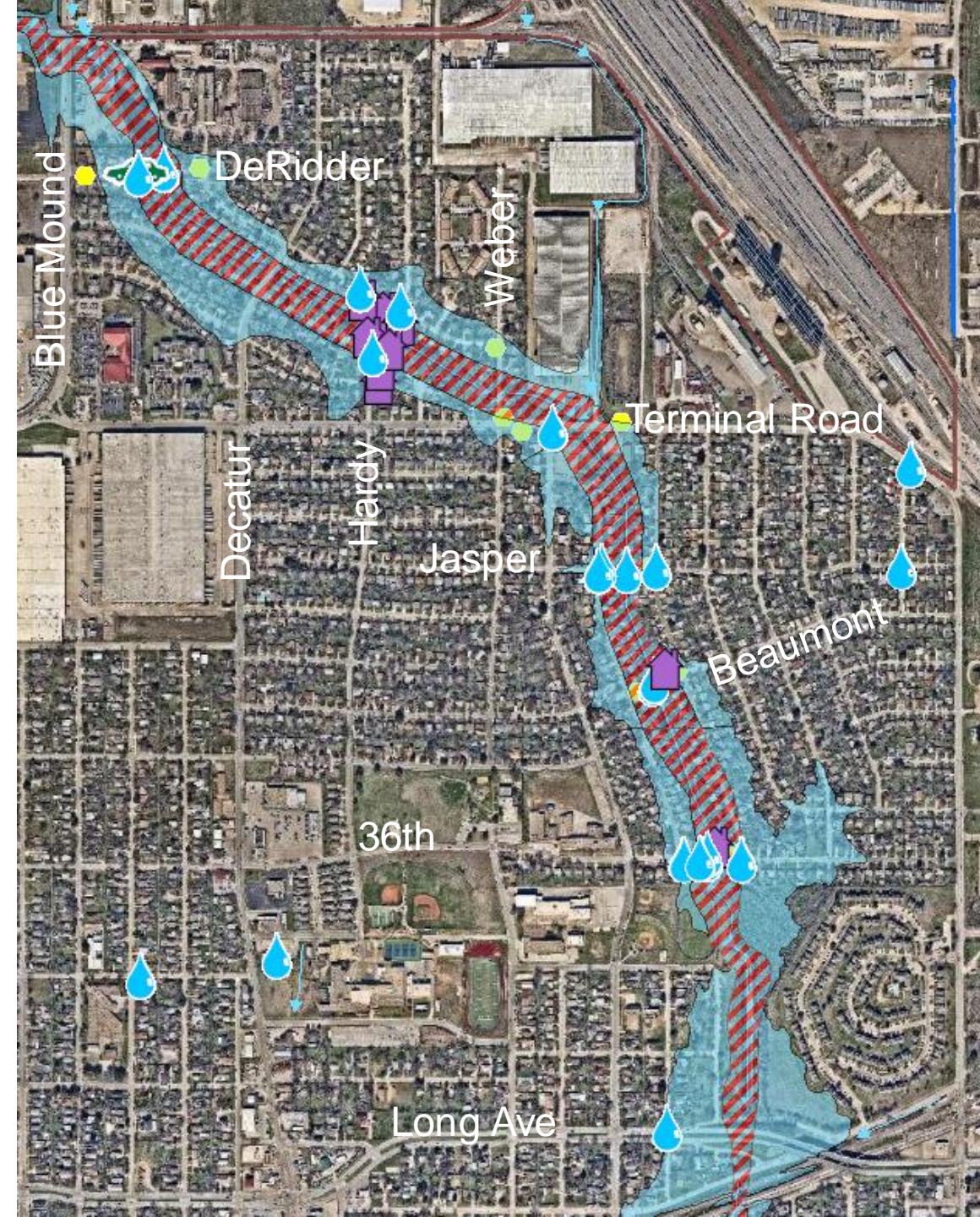


Flood Mitigation Current Priority- Lebow

Why Lebow?

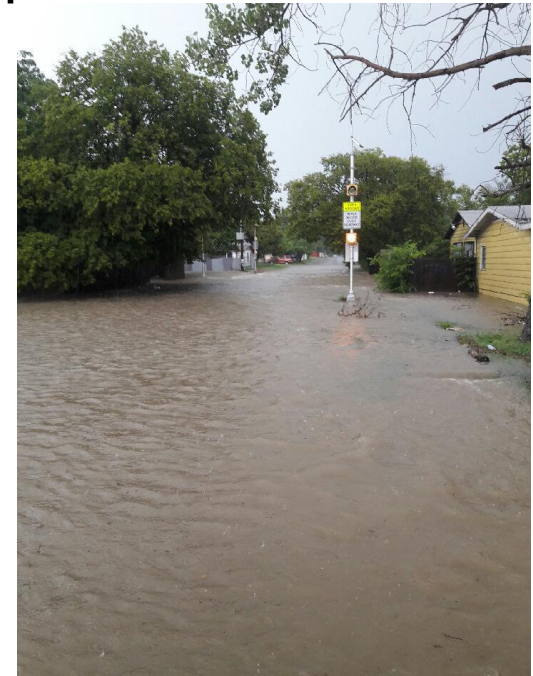
- 5 fatalities in 2 events (1988 & 2004)
- 350+ homes in floodplain (pre-projects)
- 15 hazardous crossings (pre-projects)
- Super Majority Minority Area
- Opportunities for partnerships, recreation, open space, & economic development





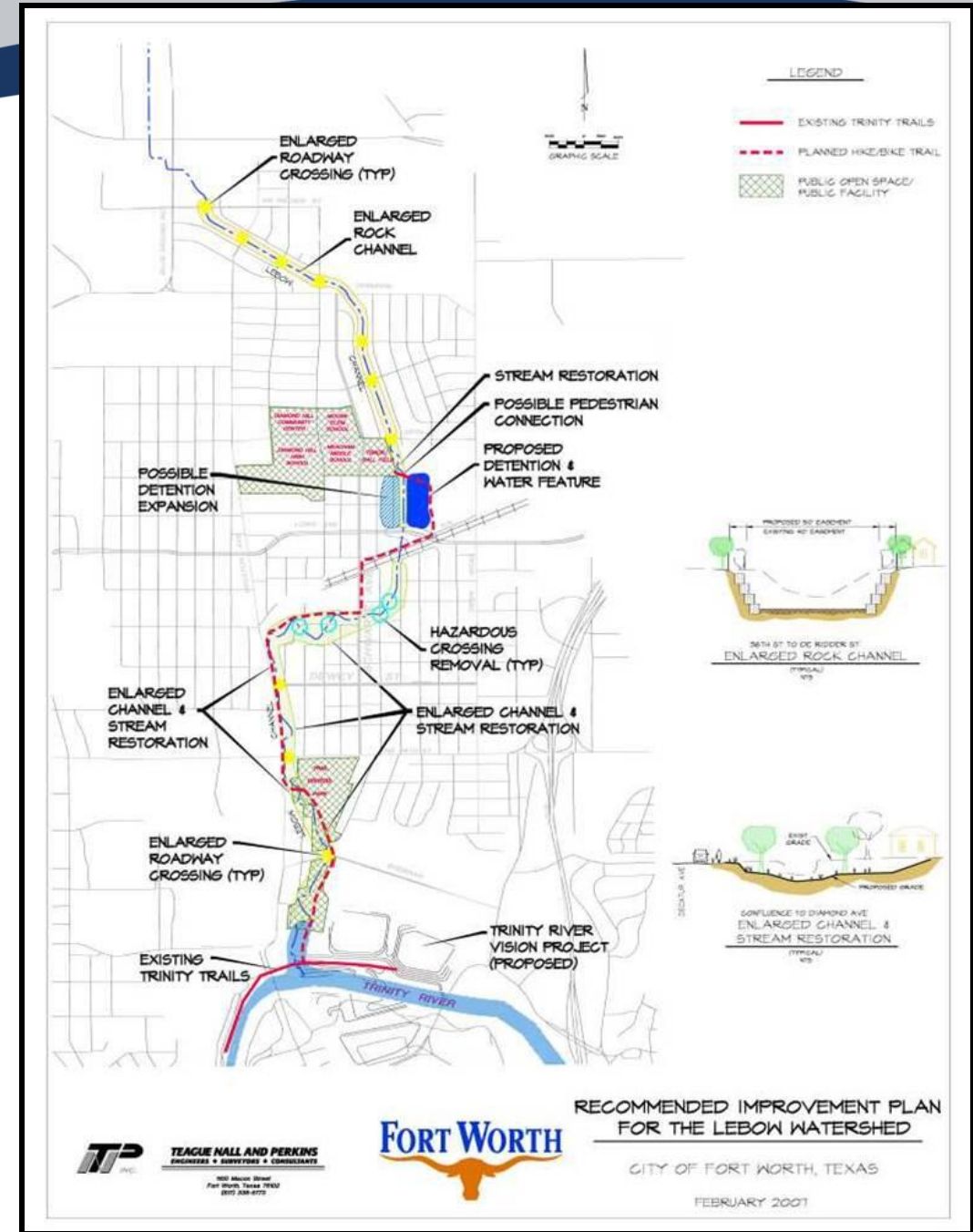
Upper Lebow

- 7 hazardous road overtopping locations with flashers
- Over 300 structures in 100-year floodplain
 - 19 **Flood Insurance** Claims at 11 Locations
 - 2 Repetitive Loss Properties
- July 2017 Event
 - 8 Structures Flooded
 - 4 Roads Overtopped
 - 1 Rescue
 - 1 Stalled Car



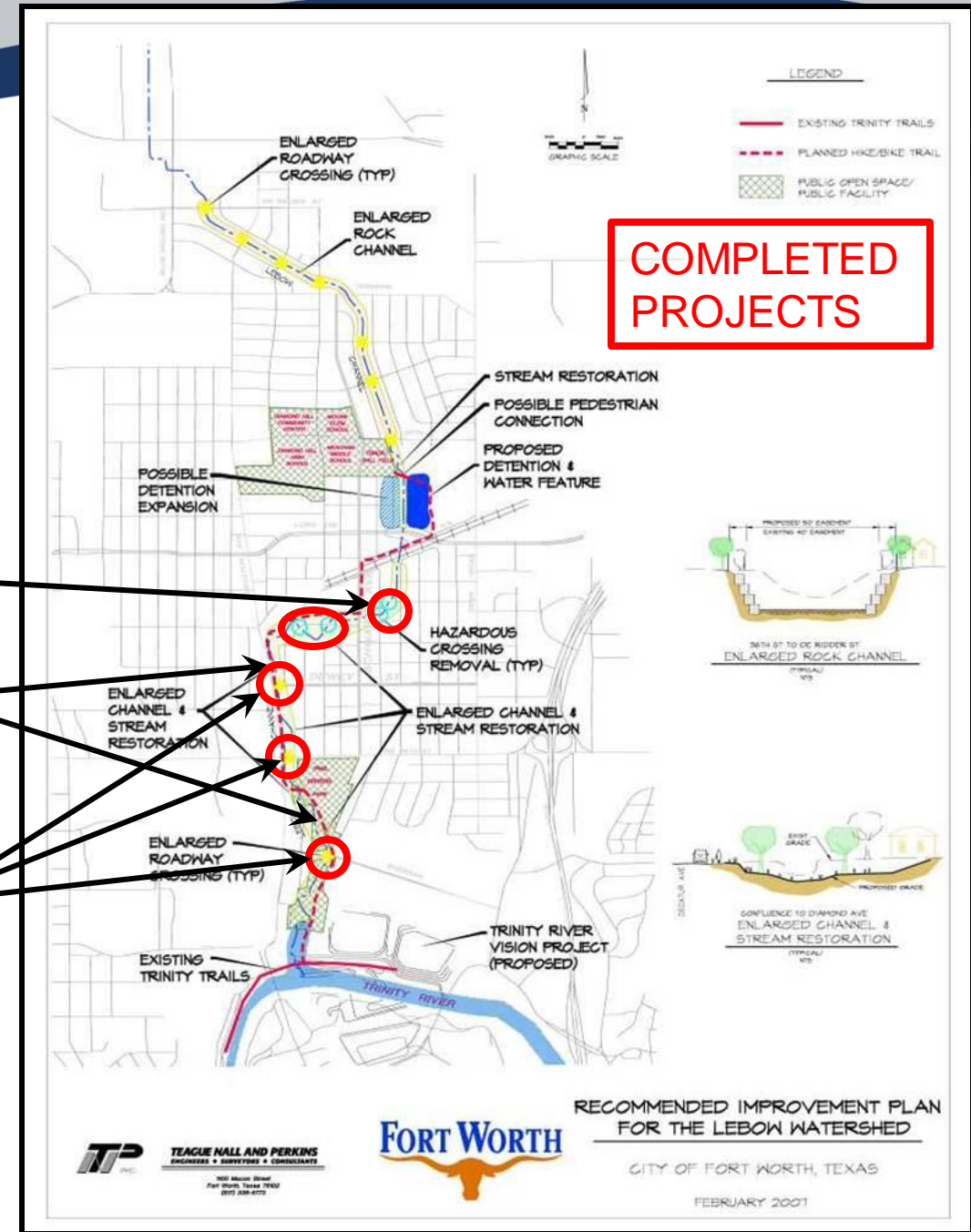
Concept Plan

- Overarching Goal:
 - Reduce flooding
 - Reduce flood risk to structures
 - Protect public from hazardous crossings
- Eliminate low-water crossings
- Buyouts and creek restoration
- Improve roadway crossings
- Enlarge channel
- Multi-year implementation



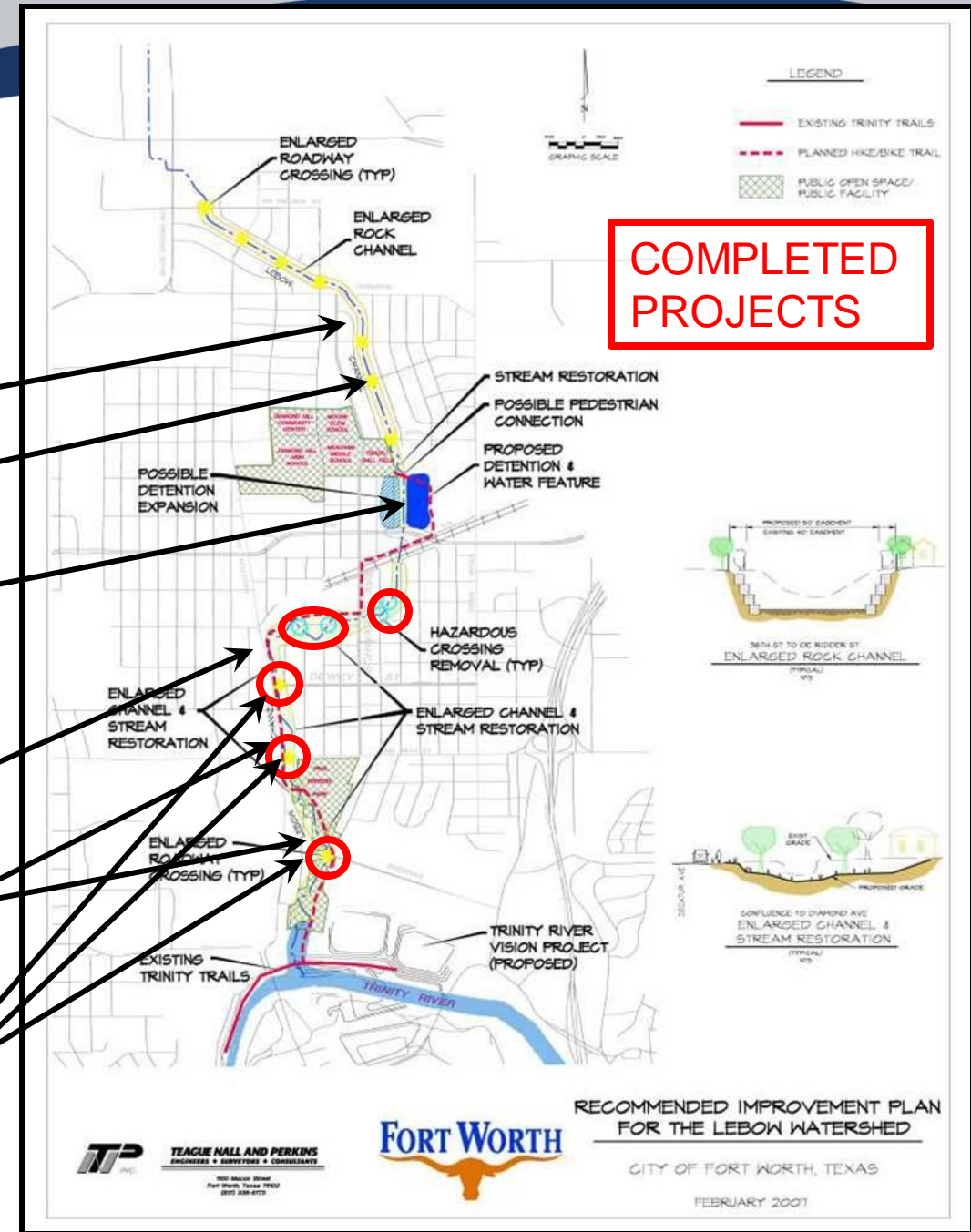
Concept Plan

- Eliminate low-water crossings
- Buyouts and creek restoration
Brennan, 28th Street (Award)
- Improve roadway crossings-
Dewey, Brennan, 28th Street,



Concept Plan

- Channelize and deepen
- Improve Crossings
- Regional detention
- Eliminate low-water crossings
- Buyouts and creek restoration
Brennan, 28th Street (Award)
- Improve roadway crossings-
Dewey, Brennan, 28th Street,



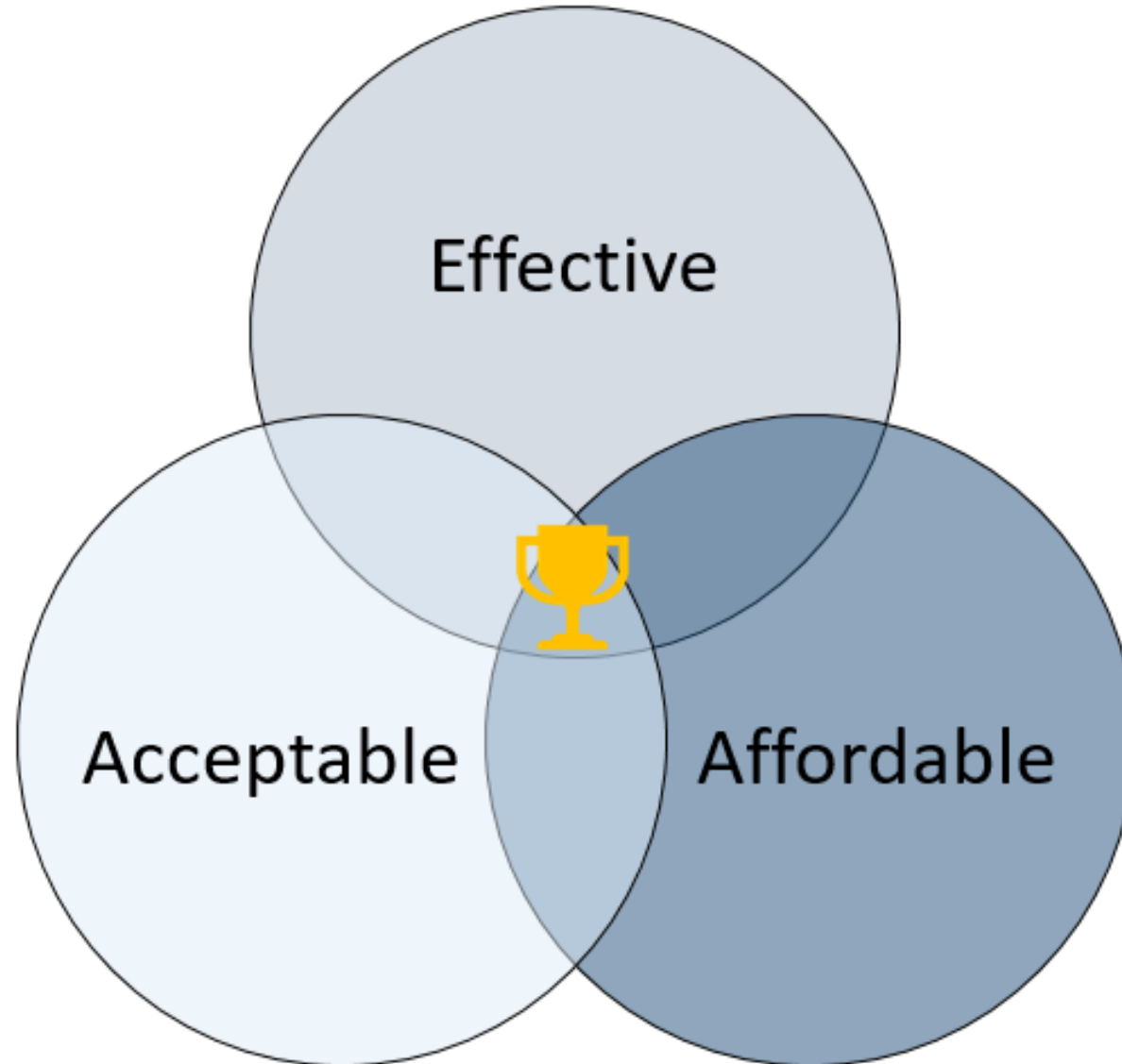


Upper Lebow Potential Channelization Improvements

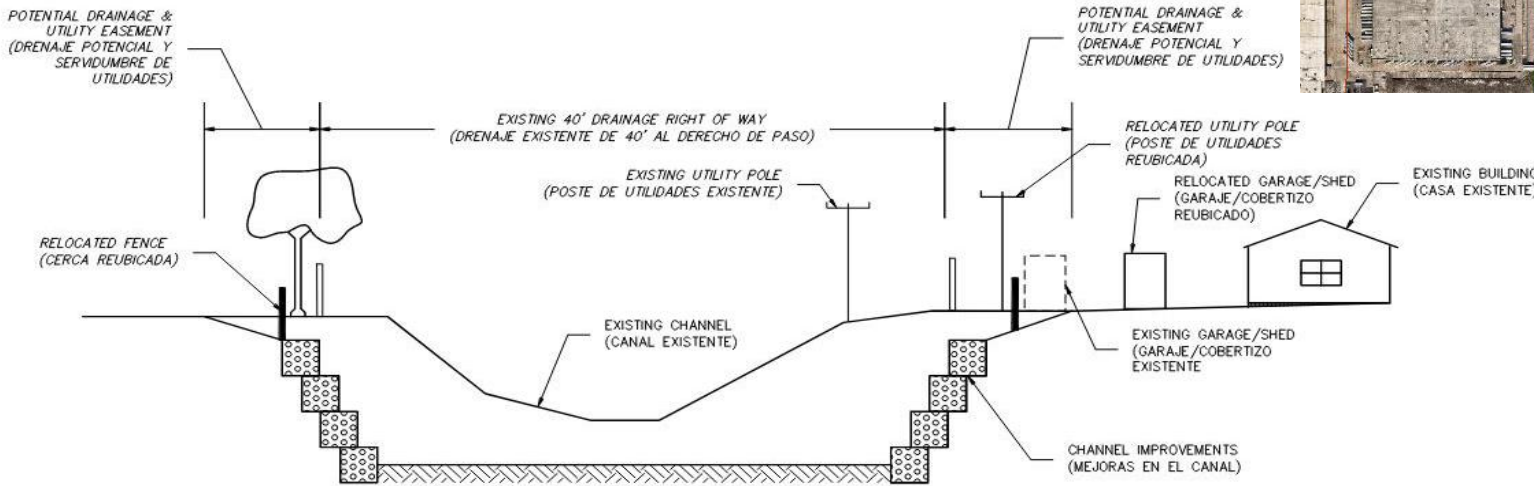
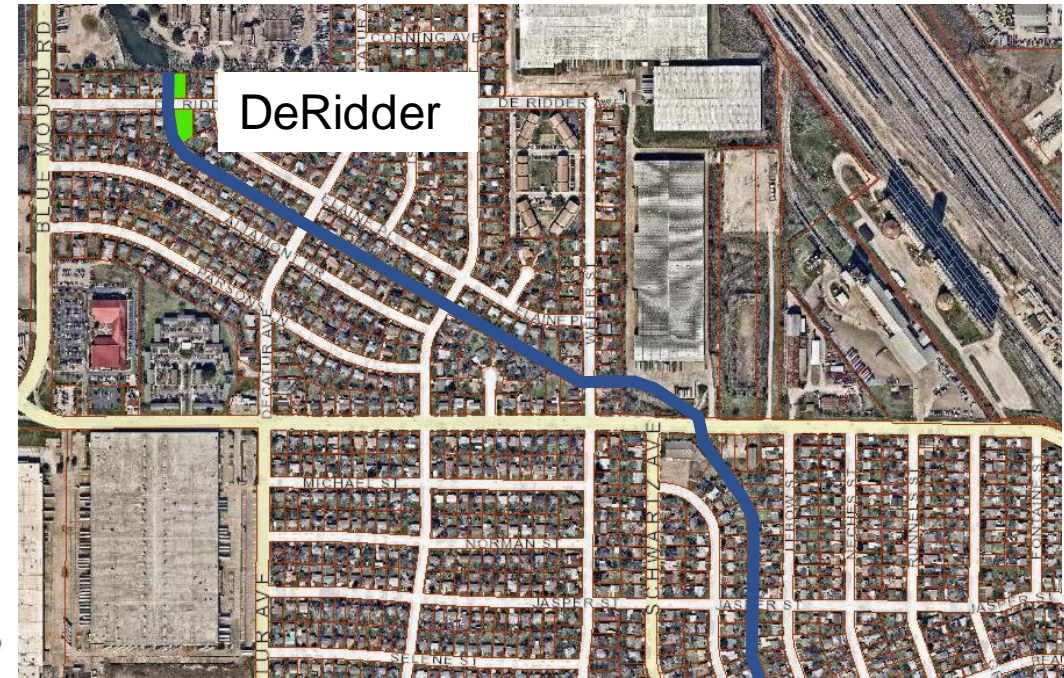
Potential Culvert Improvements



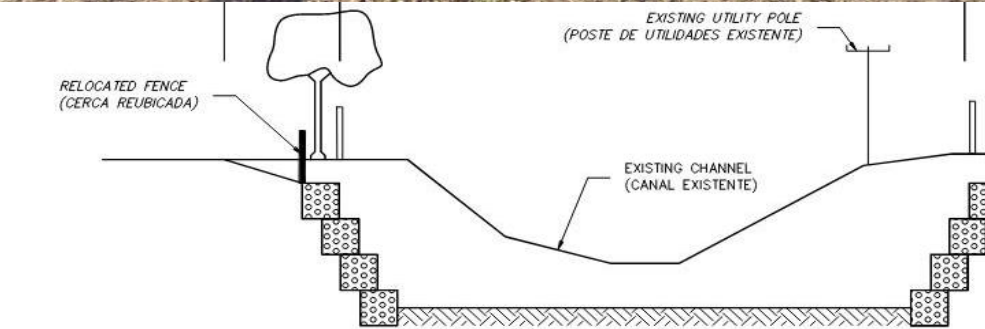
What makes a feasible project?



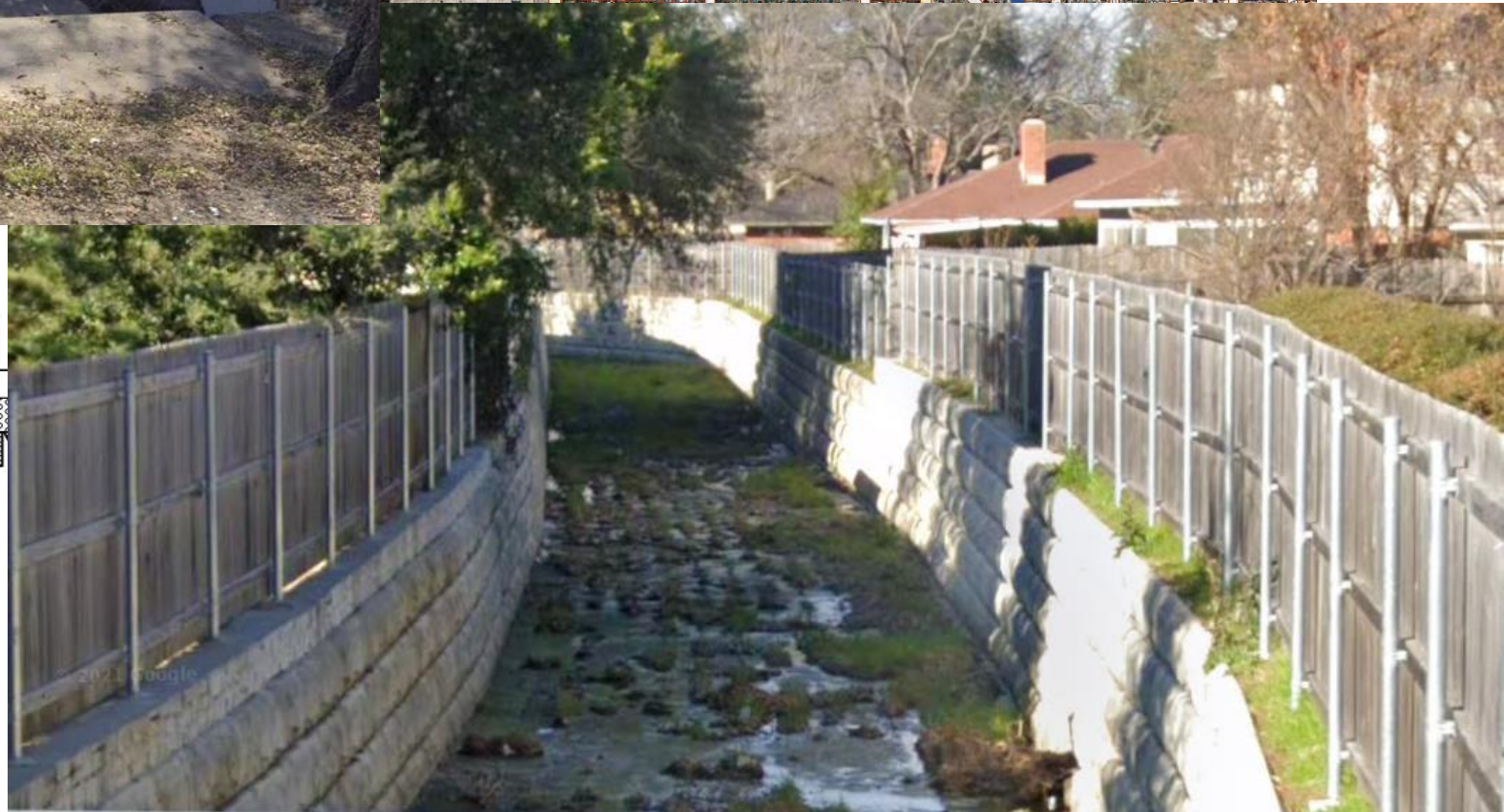
Potential Upper Lebow Flood Mitigation Project



*SCHEMATIC CHANNEL SECTION
(SECCIÓN DE CANAL ESQUEMÁTICO)
UPPER LEBOW*

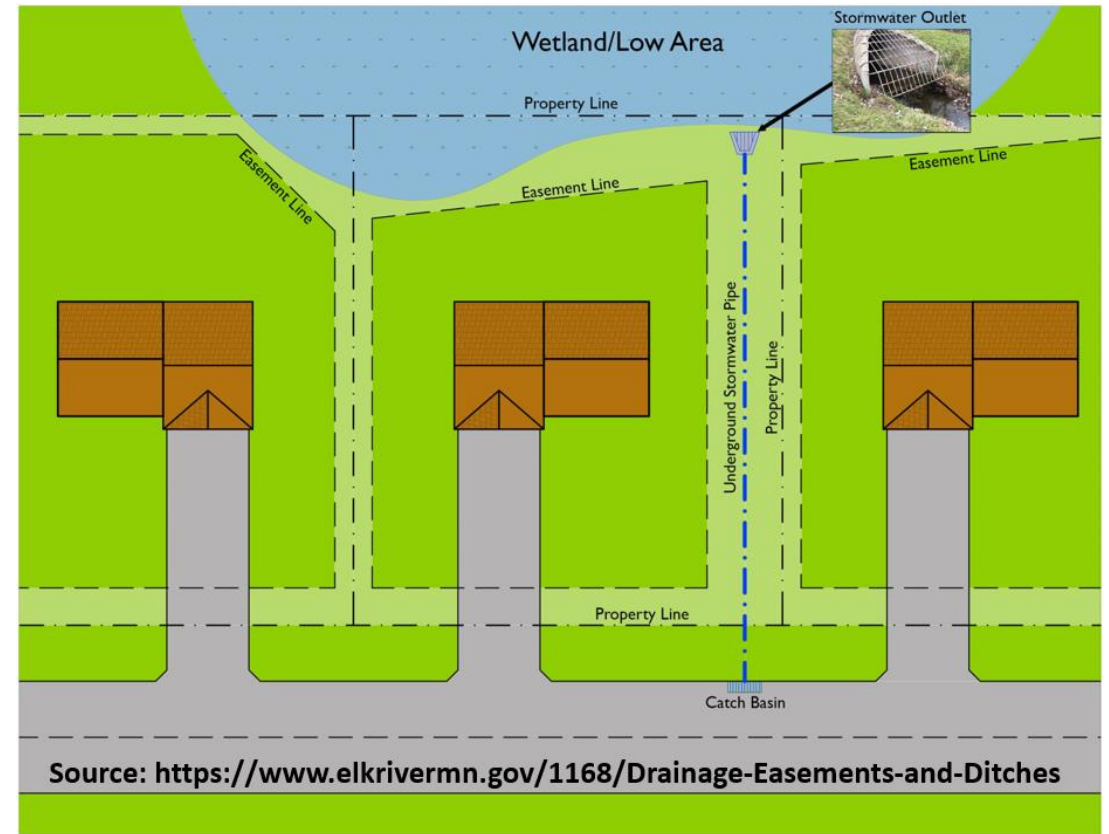


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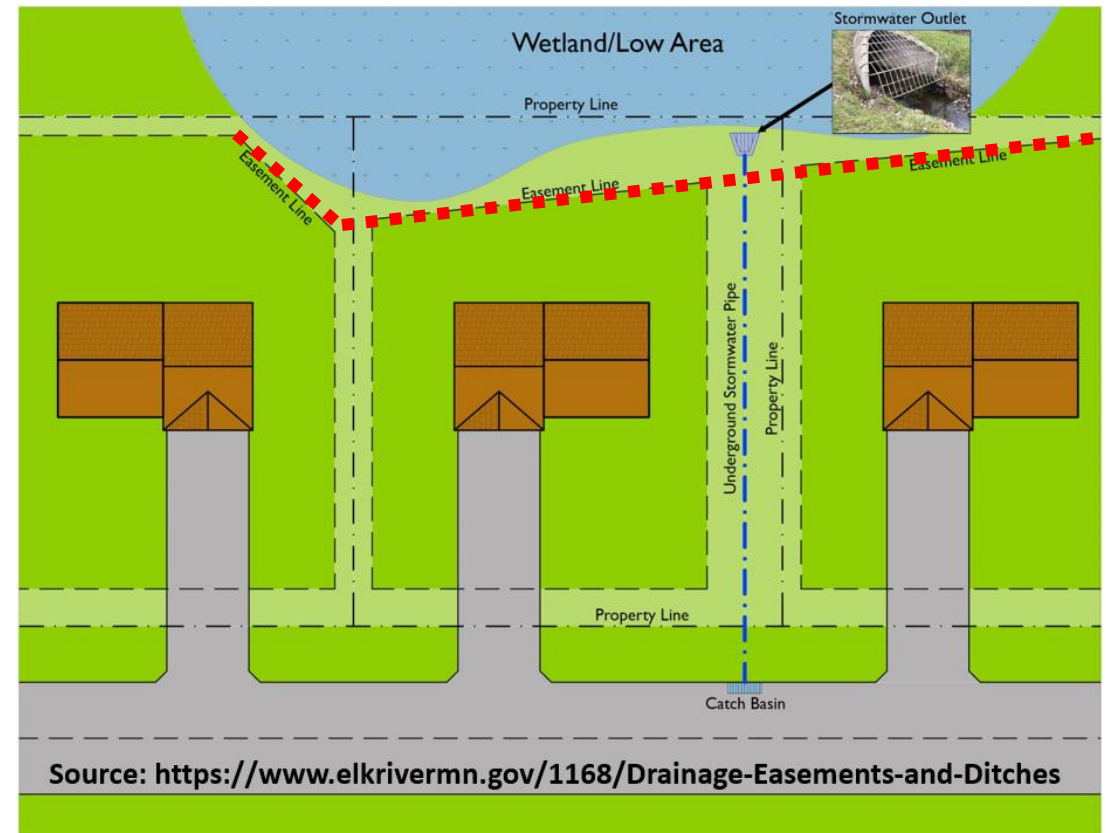
About Easements...

- Who owns the land?
 - You still own the land but the City and Utility companies would have limited use of the space.



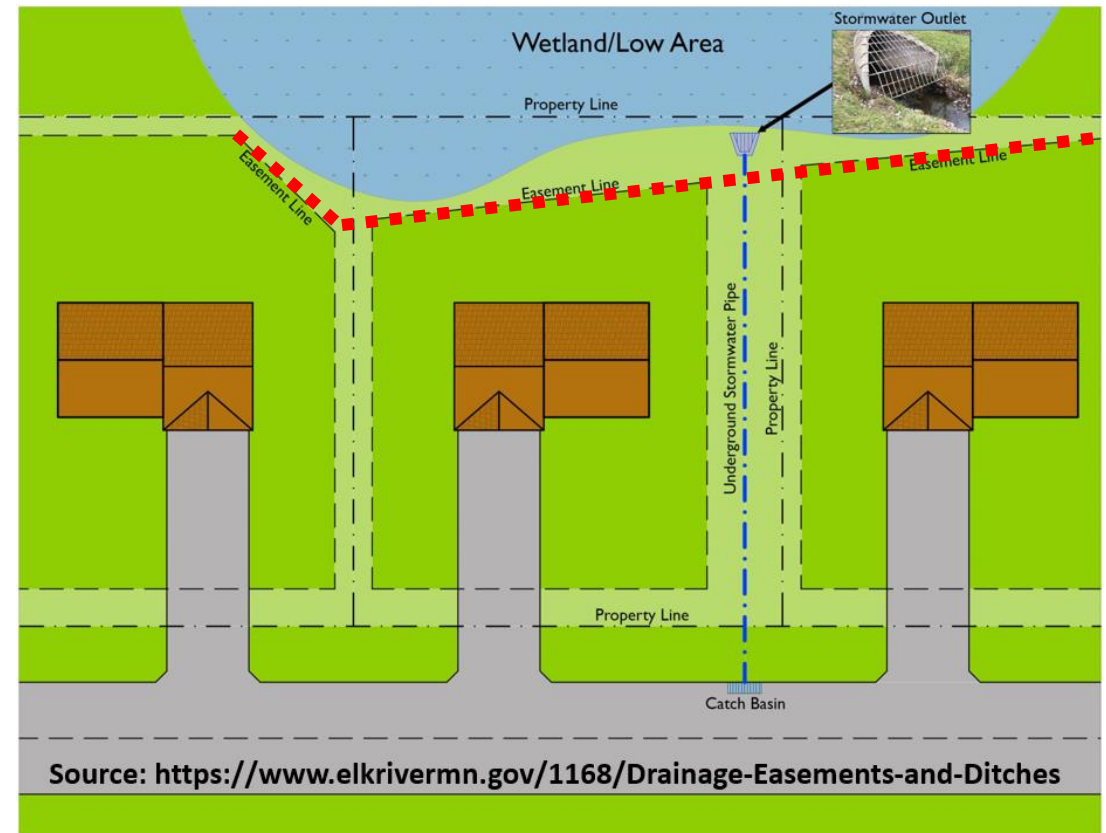
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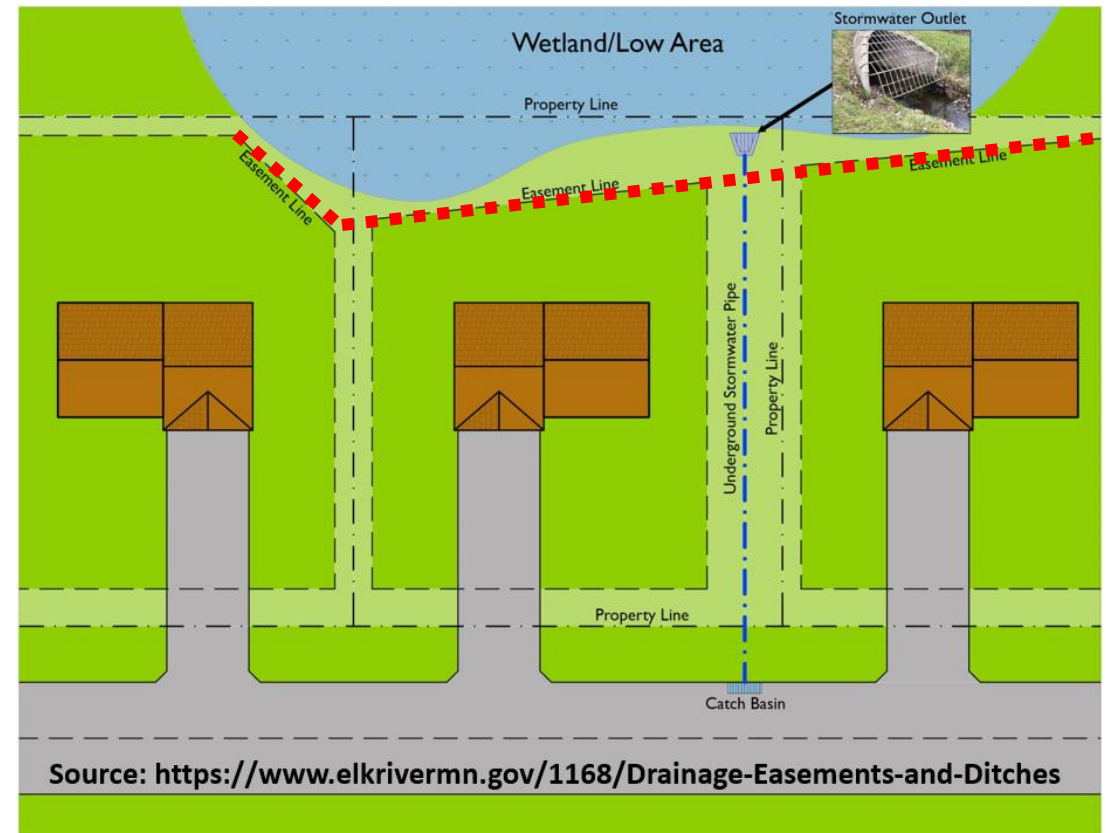
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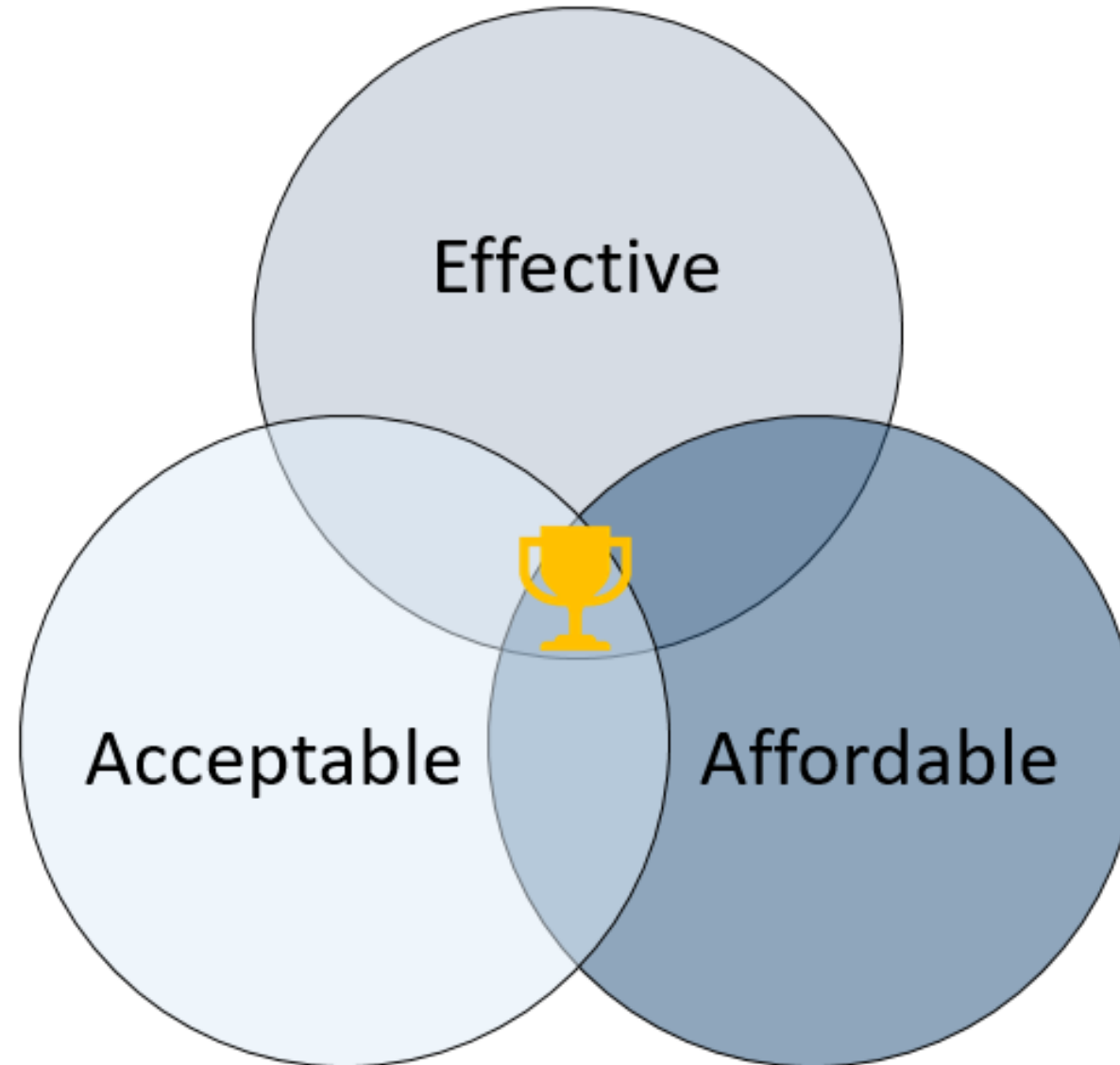
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- How much would I be paid for an easement?
 - The amount paid for an easement is based on the fair market value of the area needed as determined by an independent appraiser
- What about my fence/shed/garage/etc.?
 - Existing improvements that would be impacted by a new easement are addressed within the appraisal report and would be negotiated as a part of the process

What makes a feasible project?



Next Steps

- Please complete survey



English



Español

- Next Meeting:
 - June 18 10 AM – 12 PM
 - Iglesia Senda Antigua
 - 1824 Terminal Road
 - Invite your neighbors that are next to the channel

